

10/516845

INTERNATIONAL SEARCH REPORT

Internat. Classification No.

PCT/IB 03/01963

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06K19/07

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06K G11C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 553 905 A (NEDERLAND PTT) 4 August 1993 (1993-08-04) page 22, line 16 -page 22, line 55 ---	1-11
A	US 6 294 997 B1 (PARATORE ROBERT M ET AL) 25 September 2001 (2001-09-25) column 1, line 48 -column 5, line 10 ---	1-11
A	US 6 147 825 A (BRUCCOLERI MELCHIORRE ET AL) 14 November 2000 (2000-11-14) column 2, line 36 -column 3, line 9 ---	1-11
A	EP 0 298 445 A (MITSUBISHI ELECTRIC CORP) 11 January 1989 (1989-01-11) column 3, line 21 -column 3, line 55; figure 5 --- -/--	1-11

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

21 August 2003

Date of mailing of the international search report

29/08/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gronau von, H-C

Best Available Copy

INTERNATIONAL SEARCH REPORT

Intern: Application No

PCT/IB 03/01963

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 973 975 A (RAAD GEORGE B) 26 October 1999 (1999-10-26) column 1, line 13 -column 4, line 17 -----	1-11

Form PCT/ISA/210 (continuation of second sheet) (July 1992)

page 2 of 2

Best Available Copy

INTERNATIONAL SEARCH REPORT

Intern: Application No

PCT/IB 03/01963

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0553905	A	04-08-1993	NL 9200142 A	16-08-1993
			NL 9201133 A	16-08-1993
			AT 164245 T	15-04-1998
			AT 165180 T	15-05-1998
			DE 69317452 D1	23-04-1998
			DE 69317452 T2	20-08-1998
			DE 69317916 D1	20-05-1998
			DE 69317916 T2	22-10-1998
			DK 552828 T3	11-01-1999
			DK 553905 T3	25-01-1999
			EP 0552828 A1	28-07-1993
			EP 0553905 A1	04-08-1993
			ES 2115004 T3	16-06-1998
			ES 2116397 T3	16-07-1998
US 6294997	B1	25-09-2001	NONE	
US 6147825	A	14-11-2000	US 5808971 A	15-09-1998
EP 0298445	A	11-01-1989	JP 1170313 A	05-07-1989
			JP 1983654 C	25-10-1995
			JP 7014250 B	15-02-1995
			DE 3889591 D1	23-06-1994
			DE 3889591 T2	01-09-1994
			EP 0298445 A2	11-01-1989
			KR 9102988 B1	11-05-1991
			US 4847725 A	11-07-1989
			ZA 8804836 A	26-04-1989
US 5973975	A	26-10-1999	NONE	

Form PCT/ISA/210 (patent family annex) (July 1992)

Best Available Copy